



**SECTION
NO SCALE**

1. FINISH GRADE
2. PLASTIC RECTANGULAR VALVE BOX WITH BOLT DOWN COVER, USE STAINLESS BOLT, NUT, AND WASHER. BOX TO BE PLACED AT RIGHT ANGLE TO HARDSCAPE EDGE. HEAT BRAND "MV" ONTO LID.
3. FINISHED GRADE 3 INCHES IN SHRUB AREAS AND 1-INCH IN LAWN
4. MASTER CONTROL VALVE (REFER TO LEGEND)
5. 24-INCH WIRE LOOP - SEE NOTE E
6. PVC SCH. 80 NIPPLES
7. PVC SCH. 80 PIPE TO FLOW SENSOR (PIPE PER SPECS)
8. PVC SCH 80 FEMALE ADAPTER - S X T
9. PVC SCH. 80 UNION
10. BRICK SUPPORTS (4 REQUIRED)
11. FILTER FABRIC - SEE NOTE C
12. BRASS PIPE FROM FILTER, PUMP, OR BACKFLOW PREVENTER (PER SPECS.)
13. REFER TO SPEC. FOR PIPE DEPTH
14. 3/4-INCH CRUSHED ROCK - 1 CU. FT. MIN.
15. BRASS 80 FITTING 45° (TYP.)
16. 1-INCH PVC SCH. 40 WIRE CONDUIT TO CONTROLLER
17. BRASS NIPPLE - LENGTH AS REQUIRED (TYP.)

NOTES:

- A. USE 45° ELLS TO ACHIEVE MAINLINE DEPTH FROM UP-STREAM SIDE OF THE MASTER VALVE ASSEMBLY.
- B. CLOSE NIPPLES SHALL NOT BE INSTALLED IN VALVE ASSEMBLY.
- C. WRAP BOTTOM AND SIDES OF VALVE BOX WITH FILTER FABRIC TO COVER OPENING (TYP.).
- D. ALL CONDUITS SHALL BE SEALED WATER TIGHT WITH EXPANDING FOAM.
- E. CONNECT CONTROL WIRES TO VALVE W/WATERPROOF CONNECTORS.

APPROVED BY:

Jonathan George Smith

4/24/15

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JONATHAN GEORGE SMITH

DATE



CITY OF MENIFEE

**MASTER CONTROL
VALVE**

REVISION	BY:	APPROVED	DATE